

Available online at www.sciencedirect.com**ScienceDirect**

Procedia - Social and Behavioral Sciences 160 (2014) 1 – 4

Procedia
Social and Behavioral Sciences

XI Congreso de Ingeniería del Transporte (CIT 2014)

XI Congreso de Ingeniería del Transporte

Jose Luis Moura^a, Luigi dell'Olio^{a*}, Angel Ibeas^a, Borja Alonso^a*University of Cantabria, Av. de los Castros s-n, Santander 39005, Spain*

Abstract

Click here and insert your abstract text.

© 2014 The Authors. Published by Elsevier Ltd. This is an open access article under the CC BY-NC-ND license

(<http://creativecommons.org/licenses/by-nc-nd/3.0/>).

Peer-review under responsibility of CIT 2014.

Keywords:

1. Aim and Scope of the Conference

After 10 events the Transport Engineering Congress has become established as the main meeting place in Spain for diverse specialists in the sector and the reference point for those wishing to find the most recent developments in this discipline.

Apart from providing a meeting place for specialists linked to the many and varied aspects of Transport Engineering, the Congress truly brings together a large part of the understanding and knowledge about transport not only in Spain but also at an international level, clearly demonstrated by the digital publication of the best presentations made over the three days of the Congress.

This Congress is currently promoted by the “Foro de Ingeniería de los Transportes (FIT)”, a not for profit organisation whose aim is the development of Transport Engineering and the bringing together of those involved,

* Corresponding author. Tel.: +34-942-202262; fax: +34-942-201703.

E-mail address: delloiol@unican.es

without bias or judgement. The organisation also promotes activities related with any field of Transport Engineering, both nationally and internationally.

The aim of the XI Congreso de Ingeniería de Transporte (CIT 2014), as with all the previous editions, is to provide a meeting place where ideas, progress, experience and knowledge about the transport field can be exchanged (planning, modelling, management, financing of infrastructure and services, construction and exploitation of infrastructure, environmental factors, intelligent systems and their application to the sector, etc...). These are the reasons why the Congress is for researchers, planners and other professionals involved in the many and varied fields connected with the transport sector.

2. Sessions

The Congress included the following 14 thematic sessions along with the presiding researcher for each session:

CARRETERAS: INFRAESTRUCTURAS Y SERVICIOS: Prof. Alfredo García (Universidad Politécnica de Valencia), Prof. Angel Vega (University of Cantabria).

MOVILIDAD: Ms. María Bordagaray (University of Cantabria), Ms. Rosa Barreda (University of Cantabria).

TRANSPORTE URBANO Y METROPOLITANO: Mr. Julian Sastre (Foro de Infraestructuras y Servicios), Prof. Jose Magín Campos (Universitat Politècnica de Catalunya), Prof. Miguel Rodríguez Bugarín (Universidad de A Coruña), Prof. Maria Eugenia López Lambas (Universidad Politécnica de Madrid), Prof. Francesc Robuste (Universitat Politècnica de Catalunya), Prof. Jose Maria Diaz y Perez de la Lastra (University of Cantabria)

FINANCIACIÓN Y EVALUACIÓN: Prof. Jose Manuel Vassallo (Universidad Politécnica de Madrid), Prof. Maria de los Angeles Baeza (Universidad de Granada).

TRÁFICO Y SEGURIDAD VIAL: Prof. Juan De Oña (University of Granada), Prof. Jose Luis Moura (University of Cantabria), Prof. Alfredo García García (Universitat Politècnica de València), Prof. Juan De Oña (University of Granada), Prof. Rocio de Oña (University of Granada), Prof. Johan Wideberg (Universidad de Sevilla).

TRANSPORTE MARÍTIMO Y PUERTOS: Prof. Jose Magín Campos (Universitat Politècnica de Catalunya), Prof. Elvira Maeso (Universidad de Málaga).

MODELIZACIÓN: Prof. Tomas Ruiz (Universitat Politècnica de València), Prof. Blanca Arenas Ramírez (Universidad Politécnica de Madrid), Prof. Jose Manuel Vassallo (Universidad Politécnica de Madrid), Prof. Alfonso Orro Arcay (Universidad de A Coruña), Prof. Francesc Robuste (Universitat Politècnica de Catalunya), Prof. Blanca Arenas Ramírez (Universidad Politécnica de Madrid), Prof. Miquel Estrada (Universitat Politècnica de Catalunya), Prof. Francisco A. Ortega (University of Seville), Prof. Begoña Guirao (Universidad Politécnica de Madrid).

URBANISMO Y ORDENACIÓN DEL TERRITORIO: Prof. Marta Rojo (Universidad de Burgos).

TRANSPORTE INTERMODAL: Prof. Maria Eugenia López Lambas (Universidad Politécnica de Madrid).

VEHÍCULOS Y MATERIAL MÓVIL: Prof. Luis Castejón (University of Zaragoza), Prof. Francisco Aparicio Izquierdo (Universidad Politécnica de Madrid).

FERROCARRILES: Dr. Roberto Sañudo (University of Cantabria), Prof. Francisco Javier Calvo Poyo (University of Granada), Prof. Miguel Rodríguez Bugarín (Universidad de A Coruña), Prof. Margarita Novales Ordax (Universidad de A Coruña), Prof. Alfonso Orro (Universidad de A Coruña).

SOSTENIBILIDAD: Prof. Andrés Monzón (Universidad Politécnica de Madrid), Prof. Hernán Gonzalo Orden (University of Burgos), Prof. Marta Rojo (University of Burgos).

LOGÍSTICA Y TRANSPORTE DE MERCANCÍAS: Prof. Emilio Larrodé (Universidad de Zaragoza), Prof. Juan M. Castañedo (Universidad de Cantabria), Prof. Luigi dell'Olio (University of Cantabria), Prof. Jose Maria Diaz y Perez de la Lastra (Universidad de Cantabria), Prof. Emilio Larrodé (Universidad de Zaragoza), Prof. Begoña Guirao (Universidad Politécnica de Madrid), Prof. Margarita Novales Ordax (Universidad de A Coruña).

SISTEMAS INTELIGENTES DE TRANSPORTE: Prof. Laura Garach (University of Granada), Prof. Francesc Soriguera (Universitat Politècnica de Catalunya), Prof. Borja Alonso (University of Cantabria).

3. Papers Peer Review

More than 330 original papers had been submitted for consideration in the XI Congreso de Ingeniería de Transporte (CIT 2014). In the end 223 papers were accepted for presentation and 74 of them are included in this special edition. All papers submitted to the conference were reviewed using a double-blind peer review process. Due to the large number of articles received, the Scientific Committee was supported by the review work of a further four experts who are listed below:

Iñaki	Gaspar	University of Cantabria
Roberto José	Liñán Ruiz	University of Malaga
Alexandre	Amavi	University of Cantabria
Cesar	Canales	University of Cantabria

The review process was carried out using the EasyChair platform. The review took into account the score given to each article as well as the specific comments of each reviewer.

4. Scientific Committee

The conference was made possible thanks to the intensive work of the Organizing Committee, Scientific Committee and Honorary Committee.

The three committees were made up of the following personnel:

Organizing Committee:

- Prof. Jose Luis Moura, University of Cantabria, Co-President
- Prof. Luigi dell'Olio, University of Cantabria, Co-President
- Prof. Rafael Izquierdo de Bartolomé, Honorary President
- Prof. Angel Ibeas, University of Cantabria, Honorary President
- Prof. Juan de Oña, University of Granada, Past President
- Prof. Francisco Aparicio, Universidad Politecnica de Madrid, Past President

Scientific Committee:

- Dr. Borja Alonso Oreña (University of Cantabria)
- Dr. Daniel Álvarez Mántaras (University of Oviedo)
- Dr. Francisco Aparicio Izquierdo (Universidad Politécnica de Madrid).
- Dr. Francesc Astals Coma
- Ms. Rosa Barreda Montequín (University of Cantabria)
- Ms. María Bordagaray Azpiazu (University of Cantabria)

- Dr. Francisco Javier Calvo Poyo (University of Granada)
- Dr. Alberto Camarero Orive (Universidad Politécnica de Madrid)
- Dr. Luis Castejón Herrer (University of Zaragoza)
- Dr. José Vicente Colomer Ferrándiz (Universidad Politécnica de Valencia)
- Dr. Juan de Oña López (University of Granada)
- Dr. José María del Castillo Granados (University of Seville)
- Dr. Luigi dell'Olio (University of Cantabria)
- Dr. José María Díaz y Pérez de la Lastra (Universidad de Cantabria)
- Dr. Alberto Domínguez Sarabia (University of Cantabria)
- Dr. Miquel Angel Estrada Romeu (Universitat Politècnica de Catalunya)
- Dr. Francisco García Benítez (Universidad de Sevilla)
- Dr. Alfredo García García (Universitat Politècnica de Valencia)
- Dr. Hernán Gonzalo Orden (University of Burgos)
- Dr. Begoña Guirao Abad (Universidad Politécnica de Madrid)
- Dr. Ángel Ibeas Portilla (University of Cantabria)
- Dr. Ricardo Insa Franco (Universidad Politécnica de Valencia)
- Dr. Emilio Larrodé Pellicer (Universidad de Zaragoza)
- Dr. María Eugenia López Lambas (Universidad Politécnica de Madrid)
- Dr. Andrés López Pita (Universitat Politècnica de Catalunya)
- Dr. Pablo Luque Rodríguez (Universidad de Oviedo)
- Dr. Elvira Maeso González (Universidad de Málaga)
- Dr. José Magín Campos Cacheda (Universitat Politècnica de Catalunya)
- Dr. José María Menéndez Martínez (University of Castilla-La Mancha)
- Dr. Andrés Monzón de Cáceres (Universidad Politécnica de Madrid)
- Dr. José Luis Moura Berodia (University of Cantabria)
- Dr. Jesús Muñuzuri Sanz (University of Seville)
- Dr. Margarita Novales Ordax (Universidad de A Coruña)
- Dr. Luis Onieva Giménez (Universidad de Sevilla)
- Dr. Alfonso Orro Orcay (Universidad de A Coruña)
- Dr. Ana Rivas Álvarez (University of Castilla-La Mancha)
- Dr. Francesc Robusté Antón (Universitat Politècnica de Catalunya)
- Dr. Marta Rojo Arce (Universidad de Burgos)
- Dr. Manuel Romana García (Universidad Politécnica de Madrid)
- Dr. Juan Pablo Romero Junquera (University of Cantabria)
- Dr. Tomás Ruiz Sánchez (Universitat Politècnica de València)
- Dr. Jaime Sanmartín Arce (Universitat de Valencia)
- Dr. Roberto Sañudo Ortega (University of Cantabria)
- Dr. Sergi Saurí Merchán (Universitat Politècnica de Catalunya)
- Dr. Francesc Soriguera Martí (Universitat Politècnica de Catalunya)
- Dr. José Manuel Vassallo Magro (Universidad Politécnica de Madrid)
- Dr. Ángel Vega Zamanillo (Universidad de Cantabria)
- Dr. Johan Wideberg (Universidad de Sevilla)

Honorary Committee:

- Mr. Juan Ignacio Diego Palacios, Presidente del Gobierno de Cantabria
- Mr. Íñigo Joaquín de la Serna Hernáiz, Alcalde de Santander y Presidente de la FEMP
- Prof. José Carlos Gómez Sal, Rector Magnífico de la Universidad de Cantabria
- Prof. Francesc Robusté Antón, Presidente del Foro de Ingeniería de Transportes
- Prof. José Luis Moura Berodia, co-President of the Organizing Committee
- Prof. Luigi dell'Olio, co-President of the Organizing Committee